

Art Unit: 2617

EXAMINER'S AMENDMENT

1. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this Examiner's amendment was given in a telephone interview with Michael Scaturro, Attorney of Record, on 9/28/11.

2. The application has been amended as follows:

IN THE CLAIMS

20. (Currently Amended) A communication system in accordance with claim 1, the system configured to perform a method of operating a communications system for mobile radio telephony, the communication system being divided into a plurality of location areas, each location area including at least one radio cell, the system ~~[[method]]~~ comprising:

a plurality of mobile devices operable within a total territory of the communication system, the total territory being divided into a plurality of location areas, wherein each mobile device comprises a subscriber identity module (SIM) insertable into, removable from and distinct from the mobile device, and wherein each mobile device is associated with at least one subscriber territory being fixed inside the total territory,

the subscriber identity module (SIM) of each mobile device including a processor configured to:

determining whether a respective mobile device is located inside the at least one subscriber territory by checking whether the received coordinates of the at least one location area

Art Unit: 2617

in which the mobile device is located falls into the at least one subscriber territory associated with the mobile device, wherein said checking step comprises:

comparing a received location area/cell (LAC/CI) identifier with pre-stored LAC/CI identifiers to determine whether the received LAC/CI identifier is in the range of the pre-stored LAC/CI identifiers, wherein said pre-stored LAC/CI identifiers are stored in a memory on the subscriber identity module (SIM) and

determining if the received LAC/CI identifier matches one of the pre-stored LAC/CI identifiers, in the case where it is determined that the received LAC/CI identifier is in the range of the pre-stored LAC/CI identifiers,

~~wherein said pre-stored LAC/CI identifiers are stored in a memory on the subscriber identity module (SIM)~~

~~informing~~ **and inform** a subscriber of the mobile device that the subscriber is within the subscriber territory in the case where said determining step is true, **wherein said pre-stored LAC/CI identifiers are stored in a memory on the subscriber identity module (SIM) and said subscriber territory is fixed by data including a location and the radius of a circle surrounding the location as a center,**

33. (Currently Amended) A method of operating a communications system for mobile radio telephony, the communication system being divided into a plurality of location areas, each location area including at least one radio cell, the method comprising:

determining, **by a subscriber identity module,** whether a respective mobile device is located inside the at least one subscriber territory by checking whether the received coordinates of the at least one location area in which the mobile device is located falls into the at least one subscriber territory associated with the mobile device, wherein said determination by checking comprises:

comparing a received location area/cell (LAC/CI) identifier with pre-stored LAC/CI identifiers to determine whether the received LAC/CI identifier is in the range of the pre-stored LAC/CI identifiers, [[and]]

Art Unit: 2617

determining if the received LAC/CI identifier matches one of the pre-stored LAC/CI identifiers, in the case where it is determined that the received LAC/CI identifier is in the range of the pre-stored LAC/CI identifiers,

wherein said pre-stored LAC/CI identifiers are stored in a memory on the subscriber identity module (SIM) **and said subscriber territory is fixed by data including a location and the radius of a circle surrounding the location as a center, and**

informing a subscriber of the mobile device that the subscriber is within the subscriber territory in the case where said determining step is true.

Claims 1-20, 22-26, 28, 30, 33-34 and 37 are allowed.

Allowable Subject Matter

The following is an Examiner's statement of reasons for allowance:

Claims 1-20, 22-26, 28, 30, 33-34 and 37 are allowed in view of the Examiner's amendment made above as the prior art of record does not teach a SIM performing the location determination as recited in the independent claims.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Art Unit: 2617

Any response to this Office Action should be **faxed to** (571) 273-8300 **or mailed to:**

Commissioner for Patents

P.O. Box 1450
Alexandria, VA 22313-1450

Hand-delivered responses should be brought to

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Frank Donado whose telephone number is (571) 270-5361. The Examiner can normally be reached on Monday-Thursday from 8:00 am to 7:00pm.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Rafael Pérez-Gutiérrez can be reached on (571) 272-7915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you

Art Unit: 2617

have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 571-272-4100.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

/George Eng/
Supervisory Patent Examiner, Art Unit 2617